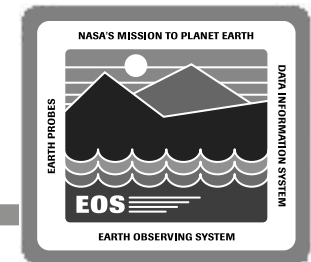


EOC Installation Status

Douglas M. Smith

29 May 1997

FOS TRR Roadmap



Overview Material

FOS Overview

- TRR Objective
- Schedule & Status

Release B Summary

- Release Capabilities
- Release/Reqmt. Status
- Process Summary

Test Readiness Status

Development Status

- Unit Test Results Summary
- SDF Status

Integration Status

- SWIT Status & Results Summary
- NCR Status

EOC Installation Status

- Installation/Checkout Status
- Changes Since Release A
- Hardware, COTS, Software
- PCA Preparation

Test Procedure Status

- Test Procedure Development Process
- Requirements Mapping Status
- Test Data/Test Tools

EOC Test Processes/Plans

EOC Testing Plans

- Test Environment Status
- Test Schedule
- Test Activities
- Test Process

Concurrent Activities

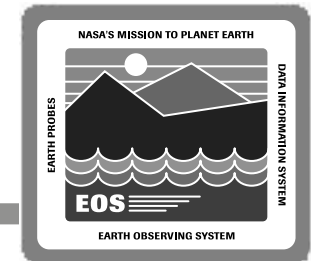
ECT-2

- Preparation Status
- Key Activities

IST Installation

- Status
- Key Activities
- Release B IST Integration Plan

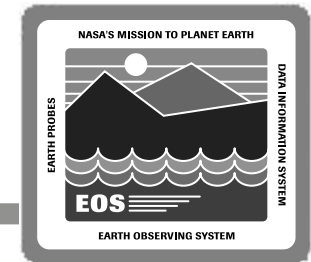
TRR Criteria



Hardware, network, and COTS have been properly configured in the EOC

- **Configure EOC LANs**
 - **Operations LAN established for FOT ECT-2 test preparations**
 - **Support LAN established for FOS Test Team dry-run and acceptance testing**
- **Install and checkout COTS and hardware**
 - **Install Release B hardware and COTS in the EOC**
 - **Verify servers and User Stations work on both LANs**
 - **Verify peripherals work on both LANs**
 - **Verify that procedures are in place to switch equipment between LANs**
- **Configure and control EOC configuration**
 - **Pre-PCA (Physical Configuration Audit) preparation**
 - **Ensure no changes are made to the EOC after installation without CCB direction**

EOC Changes Since Release A



User Stations

- Increased from 4 to 36

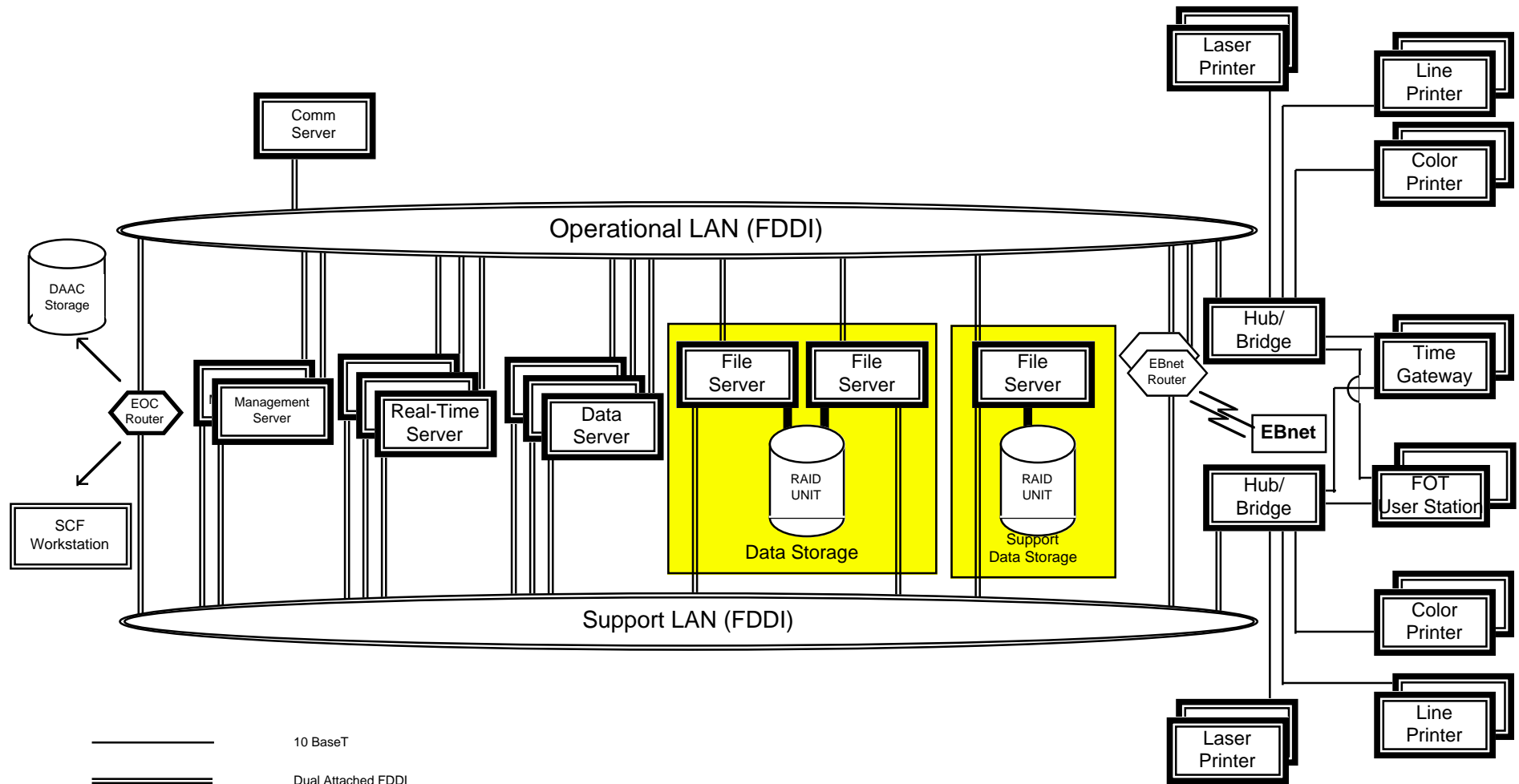
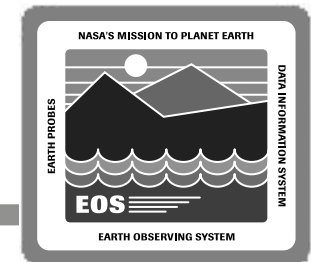
Servers

- Increased from 2 to 6

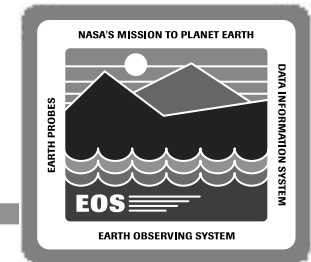
RAIDs

- Increased from 1 to 2

EOC Physical Layout

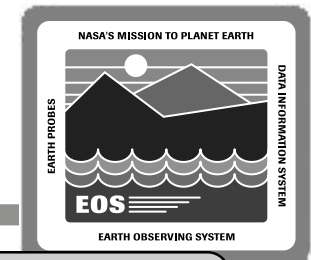


EOC Hardware/Network Diagram



See next page.

COTS Installation Status Summary (1) of (2)



Three Real Time Servers

DEC OSF/1 v3.2
DEC Network Application Support
X/Motif
Sybase Server/Client 10.0.2
DEC C, C++ Compilers
DEC Fuse
IMSL
Tivoli Client 3.0.1
Crack 4.1
Satan 1.1.1

Three Data Servers

DEC OSF/1 v3.2
DEC Network Application Support
X/Motif
Sybase Server/Client 10.0.2
DEC C, C++ Compilers
DEC Fuse
IMSL
Tivoli Client 3.0.1
Crack 4.1
Satan 1.1.1

Two Data Storage Units

DEC OSF/1 v3.2
DEC Network Application Support
DEC Storage Works
DNS Server Tables
SUN Sybase Client 10.0.2
Netscape
IMSL
Tivoli Client 3.0.1
Crack 4.1
Satan 1.1.1

Two Console Managers

DEC OSF/1 v3.2
DEC Network Application Support
DEC OpenDEC Open 3D
DEC Multimedia Services
DEC Console Manager Soft

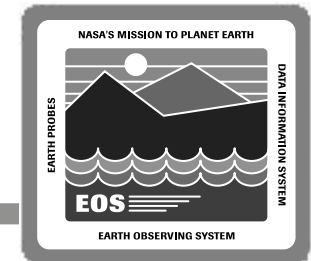
35 FOT User Stations

Solaris 2.5.1
X/Motif
C,C++ Compilers
SparcWorks
Tivoli Client 3.0.1
Crack 4.1
Satan 1.1.1

One FOT User Station

Solaris 2.5.1
X/Motif
RTWorks 3.5
C,C++ Compiler
SparcWorks
Tivoli Client 3.0.1
Crack 4.1
Satan 1.1.1

COTS Installation Status Summary (2) of (2)



Two Management Servers

HPUX 10.10
X/Motif
Sybase Server/Client 10.0.2
Tivoli Server 3.0.1
Remedy TT 2.0.2
C, C++ Compilers
Softbench
HPOV 4.0
Crack 4.1
Satan 1.1.1

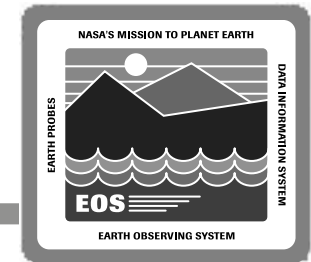
Management Workstation

Solaris 2.5.1
X/Motif
Tivoli Client 3.0.1
C, C++ Compilers
SparcWorks
XRP II v3.0
Crack 4.1
Satan 1.1.1

Communications Server

Solaris 2.5.1
X/Motif
Netscape Enterprise Web Server
C, C++ Compilers
Tivoli Client 3.0.1
Crack 4.1
Satan 1.1.1

EOC Checkout Status



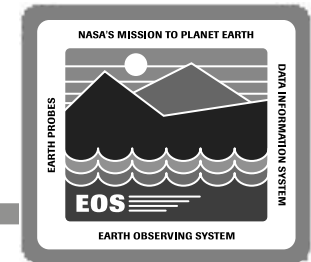
Objective

- Ensure that all FOS hardware, network, and peripherals work in multiple operational configurations
- Ensure that FOT ECT-2 preparation and FOS Test activities can be performed concurrently on the operations and support LANs

Status

- All COTS for configured hardware have been installed
- Concurrent operations and support LAN activities verified
- All servers (Real-Time and Data Servers) verified on both LANs
- All User Stations verified on both LANs
- All peripherals verified on both LANs
- Procedures for switching between LANs for all equipment has been verified

EOC Software Delivery Status



Software Build

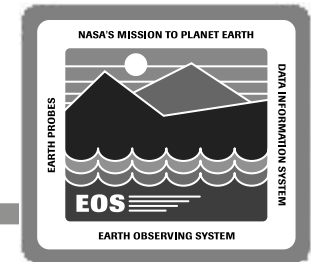
- All FOS source code, configuration files, and data files are in ClearCase under Configuration Management control
- Software installed by Configuration Management in mini-EOC

Software Delivery and Installation

- Executables, configuration files, and data files are delivered to EOC
- Installed in EOC on RAIDs

Early Release B version has been successfully installed and checked out in the EOC

FOS PCA Preparation



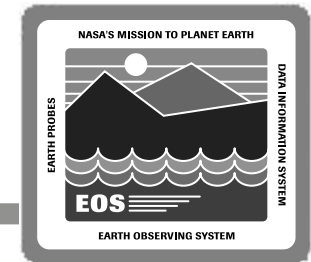
Audit product baseline

- **Hardware, network, and COTS**
- **Software**

Product Baseline definition for FOS Release B

- **Hardware, network, and COTS defined by FOS CCB and documented in the FOS Release B Configuration Technical Paper**
- **Application software and COTS documented in the FOS VDD**
 - **Includes software executables, configuration, and data files**
 - **Includes source code listings**

Open Issues



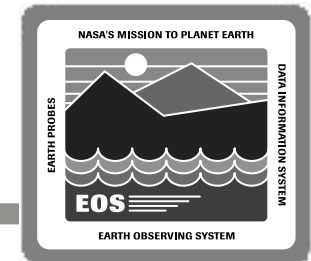
Issue

- **Need to install 21 Sun Ultra Workstations**
 - 14 delivered as part of a late purchase to improve price/performance
 - 7 workstations being used in the mini-EOC to improve Integration efficiency
- **Need to install 7 workstation monitors that will be used for displaying UTC, AOS, and LOS times in each room**
- **Need to install 7 UTC clocks**

Impact

- **None**
 - Not required during FOS dry-run test period or ECT-2
 - Equipment was recently delivered to the EOC

Open Issues



Plan

- **Install 14 new Sun Ultra Workstations by 6/20/97**
- **Move 7 Sun Ultra User Stations from mini-EOC by CSR**
- **Install monitors by 6/27/97**
- **Install UTC clocks by 7/18/97**

Issue

- **CSMS Contingency Implementation**
 - **Need to complete Management Server installation**
 - **Need to install security freeware packages**
- **Impact**
 - **Limited**

Dry-run testing of these services planned for end of June

- **Plan**
 - **Complete installation by 6/13/97**